

Instructions and Itinerary for Geologic Field Trip
for High School Science Teachers
Dixon, Illinois, September 19, 1936

Sponsored by State Geological Survey
M. M. Leighton, Chief
Directed by Don L. Carroll
Leader: George E. Ekblaw

General Instructions:

1. Please be prepared to leave promptly at 9:00 a.m.
2. Cars will assemble in front (south side) of high school, headed east; the lead car will be at the intersection with Peoria Avenue.
3. Participants will provide themselves with lunches before starting.
4. At scheduled stops, please assemble promptly near leader to give attention to his discussion before scattering for individual examination of points of interest; also be prompt to reembark in cars upon signal.

Instructions for car drivers:

To expedite the trip and for safety, please

1. Identify your car by pasting one of the provided stickers on the rear window.
2. Get your car in line before the trip starts.
3. Follow carefully and keep as close to the car ahead as possible, with due regard to safety.
4. Keep all gaps in the caravan closed, especially while traveling through the city, in order to prevent other cars from inserting themselves in the caravan or crossing the caravan at intersections.
5. Do not lag and thus delay the caravan.
6. Watch the car ahead for signals.
7. Watch the car behind for signals.
8. If accident befall your car, signal those ahead.
9. Keep your place in the caravan so far as possible.
10. Do not attempt to pass ahead of any in the caravan unless they drop out of line.
11. At stops, do not attempt to gain an advanced position in the caravan.
12. Any car that once drops out of line shall take up the rear when rejoining the caravan.
13. When parking in line at stops, draw close to the car ahead; when parking parallel, do not leave unnecessary space between cars.
14. It is desirable that in each car one passenger, preferably sitting beside the driver, keep the driver informed with regard to stops, turns, etc., in accordance with the attached itinerary.

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Itinerary

- 0.0 Intersection with Peoria Avenue. Turn south on Peoria Avenue, across bridge.
- 0.2 Traffic light - caution.
- 0.4 Traffic light - caution.
- 0.6 Turn right (west).
- 0.7 Stop 1. Galena limestone.
Turn right.
- 0.8 Turn right.
- 0.9 Turn right, back on Peoria Avenue.
- 1.2 Bear left.
- 1.5 Stop - State Highway No. 89. Bear right and follow highway to
- 6.8 Stop 2. Crest of outermost moraine of Wisconsin age in northern Illinois. Note thin loess and shallow leaching. Turn about and return on State highway.
- 10.2 Stop 3. Exposure of thick loess and sand, overlying presumably Illinoian drift. Exposed section is 8 to 10 feet thick, with bottom not exposed. Topmost material is loess-like silt, over sand, over loess.
- (12.1 Bear right, following State Highway.)
- 12.5 Stop - U. S. Highways Nos. 30 and 52. Turn right (east) on highways.
- 12.8 Bear right.
- 12.9 Bear left, following U. S. Highway No. 30.
- 17.5 This broad hill is underlain with gravel.
- 20.7 Pit in Illinoian gravel.
- 21.3 Stop 4. Shakopee sandy dolomite.
- 22.1 Turn left, on gravel street.
- 22.2 Turn left, on gravel road.
- 24.2 Turn left, on private road.
- 24.6 Stop 5. New Richmond sandstone, overlain by Shakopee dolomite. Relations of contact and bedding of both formations will be noted. Turn about.
- 25.0 Turn right, on gravel road.
- 27.0 Turn right.
- 27.1 Stop - U. S. Highway No. 30 - straight across.
- 27.2 Turn right.
- 27.4 Epworth League Camp Meeting Grounds.
Stop 6. Lunch
Turn about.
- 27.7 Turn left.
- 27.8 Stop - U. S. Highway No. 30. Turn left on highway.
- 34.9 Turn right, on gravel road
- 36.5 Stop 7. Sinkholes.
State Highway No. 2 - turn right on highway.
- 38.2 Stop 8. Contact of Platteville limestone overlying St. Peter sandstone.

- 38.5 St. Peter sandstone exposed on both sides of road - note clean white color.
- 38.8 Turn left, on gravel road. Note ridge along left (south) side of road.
- 39.8 T-road - turn left.
- 39.9 T-road - turn left.
- 40.1 Stop 9. Illinoian esker blocking old valley. History of Rock River valley will be discussed. Character of gravel in esker will be observed.
Turn about.
- 40.4 T-road - turn left.
- 41.4 T-road - turn left.
- 42.9 Caution - sharp turn left up short hill - private road to
- 43.2 Stop 10. Quarry of Sandusky Cement Company. Park carefully, off drive and out of way of trucks.